Peak District National Park

Forecast valid from 00:00 on Thursday 12 May 2022 until 23:59 on Friday 13 May 2022

Forecast Issued on Wednesday 11 May 2022 at 11:15

Confidence: High confidence for a return to drier, warmer conditions for the weekend. However, low confidence for the risk of any thundery showers on Sunday and Monday.

Headline for Thursday 12 May 2022: Largely dry with bright or sunny intervals. A few evening showers possible. Becoming breezier later.

Mountain weather hazards on Thursday 12 May 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Cloudy	Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals	Light rain showers
Precipitation probability							
<05%	<05%	<05%	<05%	<05%	<05%	10%	30%

Forecast for Thursday 12 May 2022

Weather: Generally dry with bright or sunny intervals. A few showers may move east across the park in the evening.

Chance of cloud-free hill tops above 600m: Generally 90% or more.

Low cloud and visibility: Some patchy cloud possible across the high summits at first, this soon lifting to give generally very good visibility.

Forecast for Thursday 12 May 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/24 W	19/26 W	17/24 W	19/27 W	19/28 W	20/29 W	18/27 SW	21/29 SW	21/31 SW
300	12/20 SW	12/19 W	13/19 W	14/22 W	15/23 W	16/25 W	14/23 SW	16/26 SW	16/26 SW
Valley	7/17 SW	10/21 W	10/20 W	13/23 W	13/24 W	13/25 W	12/25 SW	12/25 SW	11/24 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/1	5/0	5/0	6/1	8/4	9/5	9/5	7/2	6/2
300	8/5	7/4	7/4	9/6	11/8	12/9	12/9	10/6	9/6
Valley	8/6	8/5	8/6	10/7	12/9	13/10	12/10	10/8	10/7
Freezing Level*	1400m	1300m	1100m	1200m	1300m	1400m	1500m	1700m	1500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
Nothing to add.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 11 May 2022	14.2mm	14.4mm	14.4mm

Forecast for Friday 13 May 2022

Weather: Often rather cloudy, especially in the west of the park through the morning. The best chance of brightness in the east, and perhaps more widely later. Largely dry, but just the chance of the odd patch of drizzle on west facing upslopes in the morning. Strong, gusty winds.

Maximum wind: West to southwest 25-30mph, gust 40-45kt.

Chance of cloud-free hill tops above 600m: 90% or more.

Low cloud and visibility: Any poor visibility in cloud likely to be limited to the highest west facing summits only around dawn. Otherwise, generally good to very good visibility.

Temperature: **Valleys:** Plus 8 Celsius becoming Plus 17 Celsius.
At 600m: Plus 6 Celsius becoming Plus 13 Celsius
Freezing level: Above summits.